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Fig.1

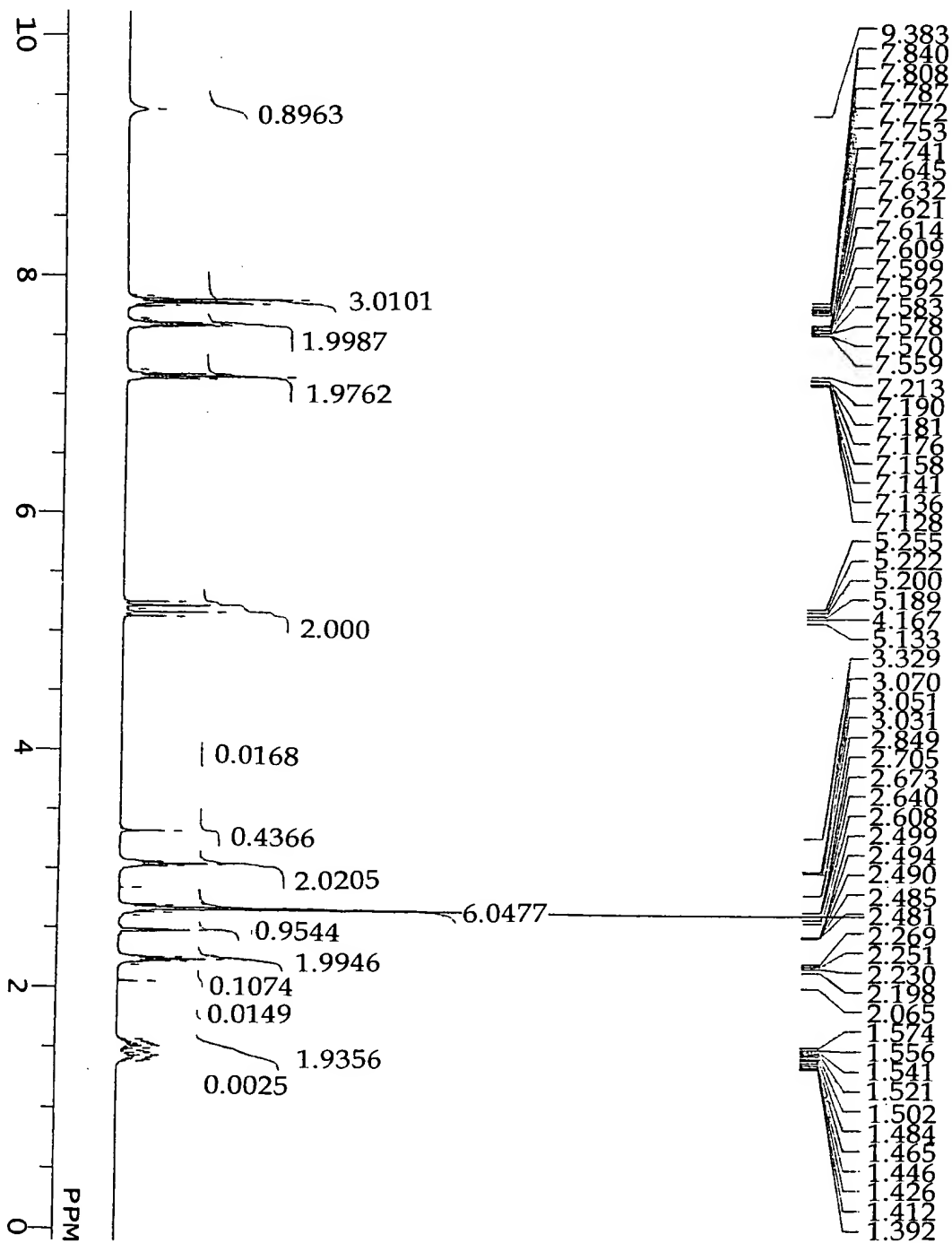


Fig. 2

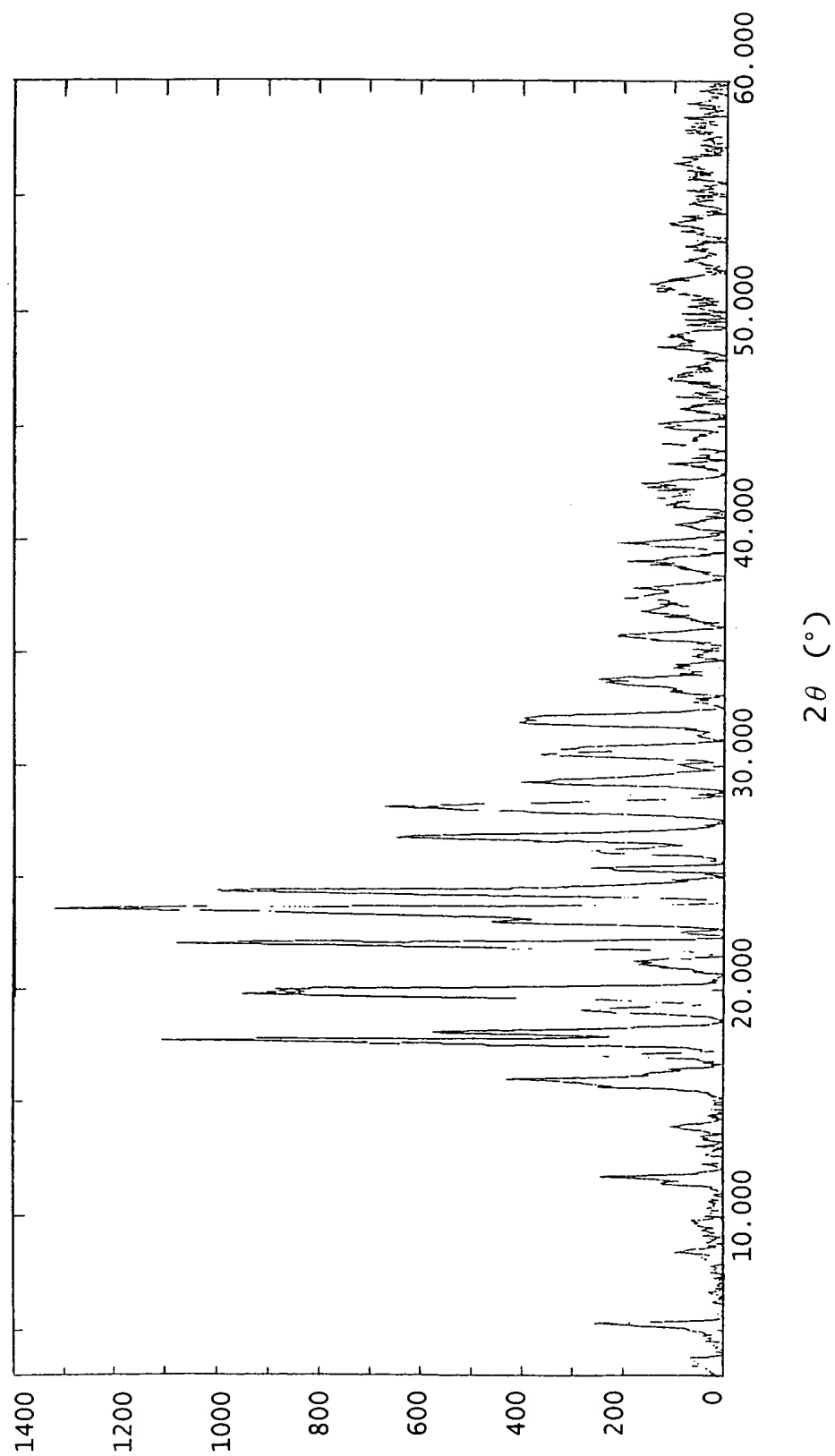


Fig.3

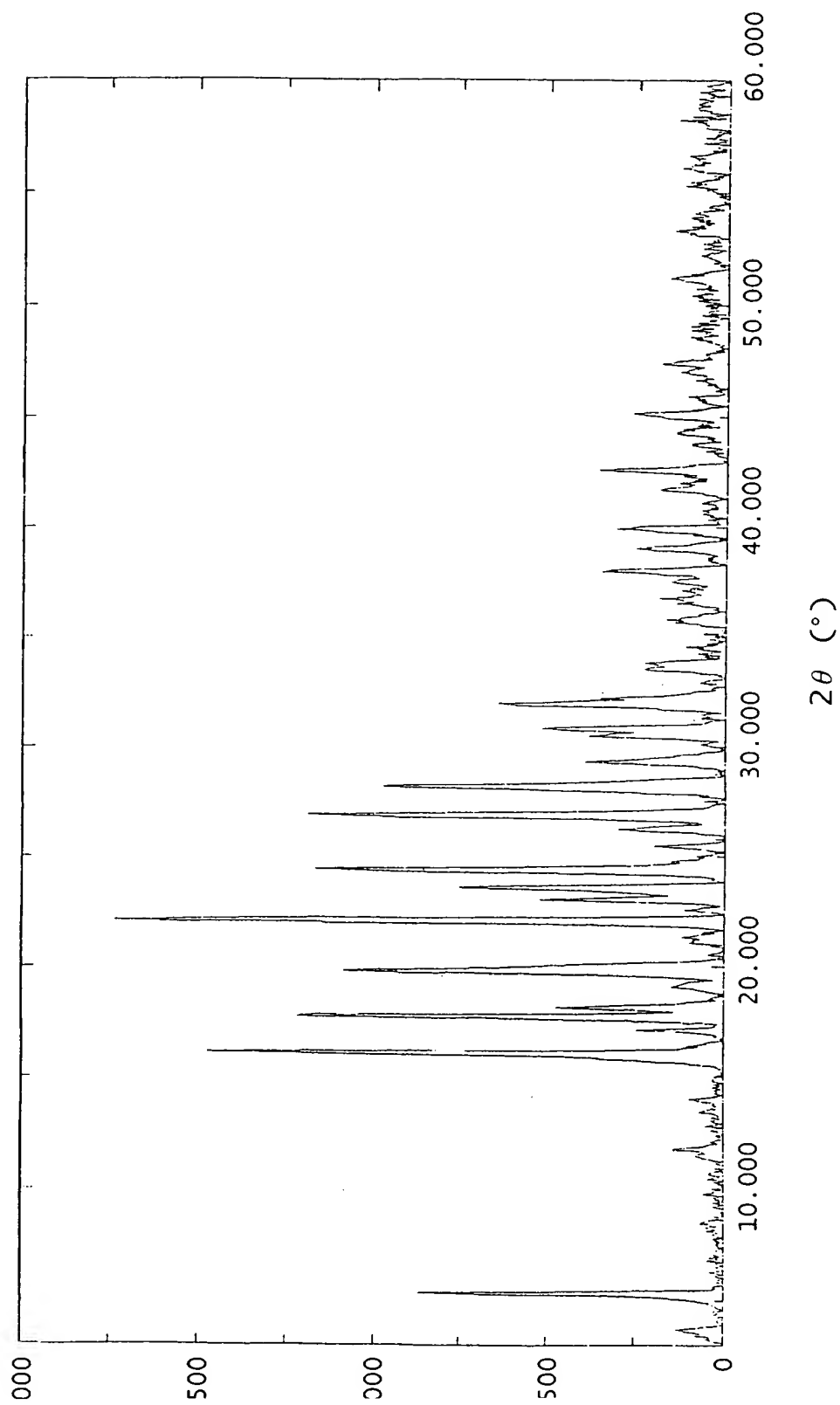
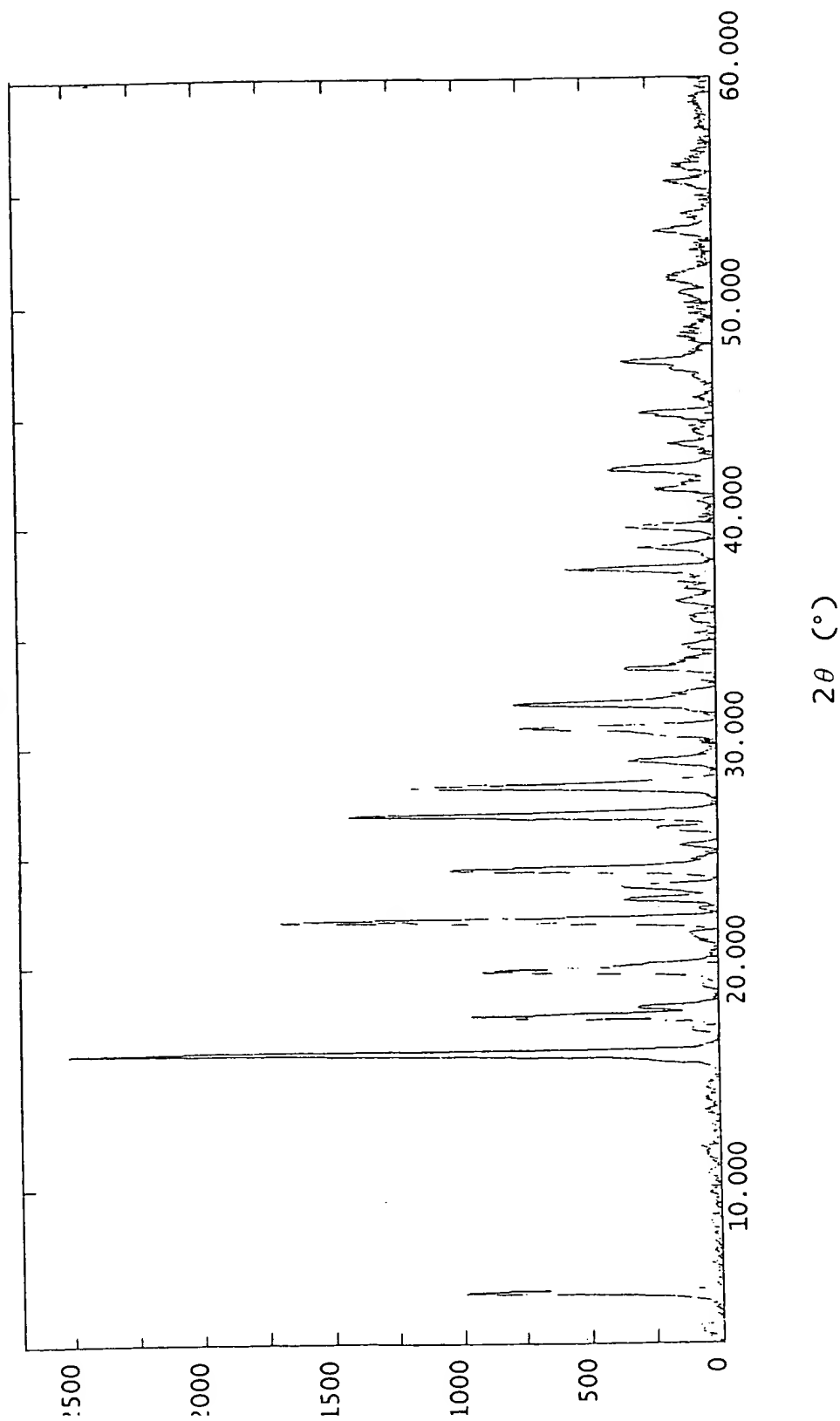


Fig.4



The figure displays an X-ray diffraction pattern for poly(2-vinylpyridine). The x-axis represents the diffraction angle  $2\theta$  in degrees, ranging from approximately 15 to 60. The y-axis represents the intensity of the diffraction. The pattern shows a broad, diffuse amorphous halo centered around  $2\theta \approx 20^\circ$ , with no sharp, well-defined crystalline peaks. The baseline intensity is relatively low and noisy, with minor fluctuations between 15 and 20 degrees.

Fig.6

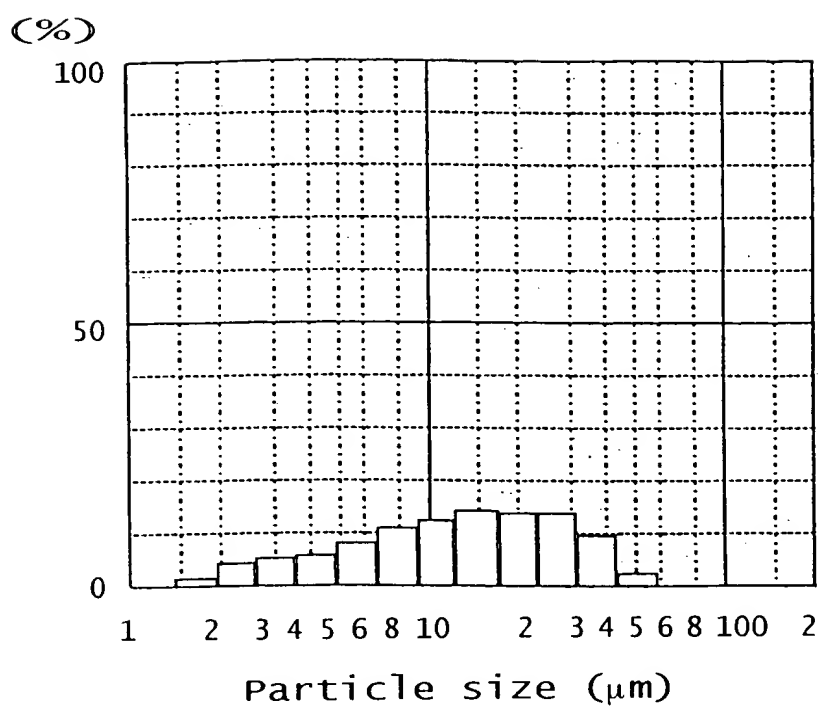


Fig.7

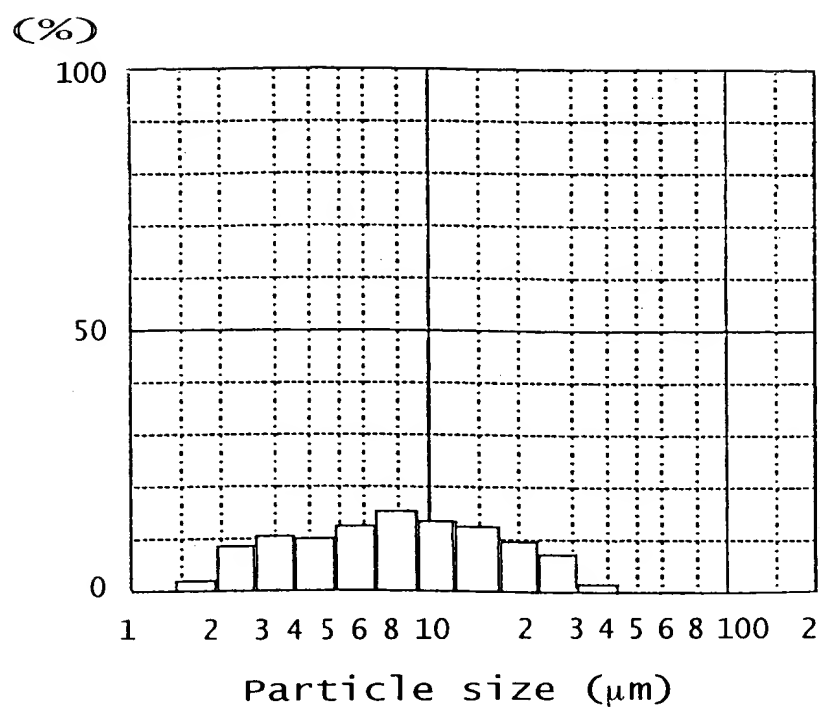




Fig.8

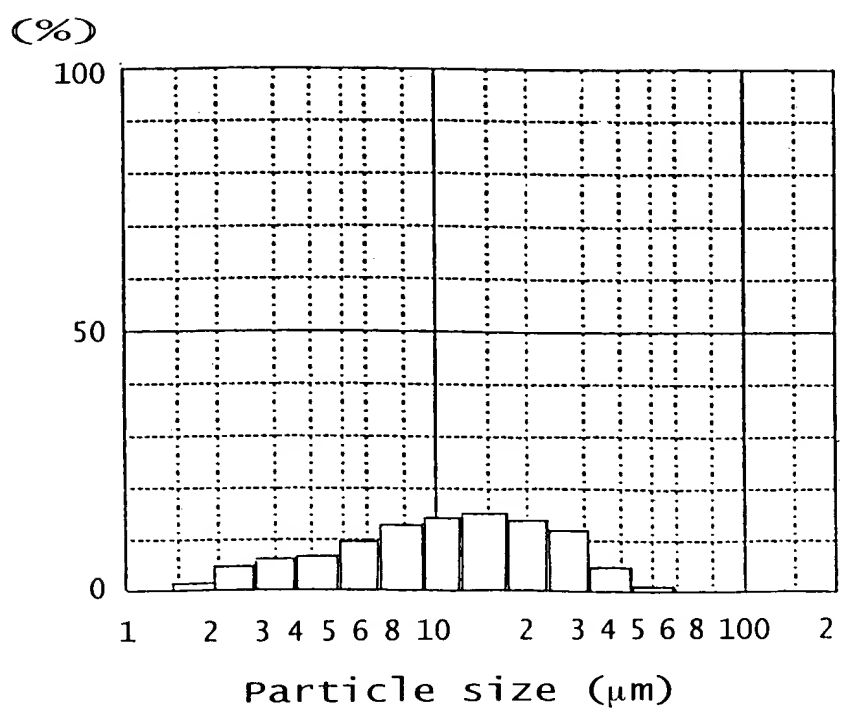


Fig.9

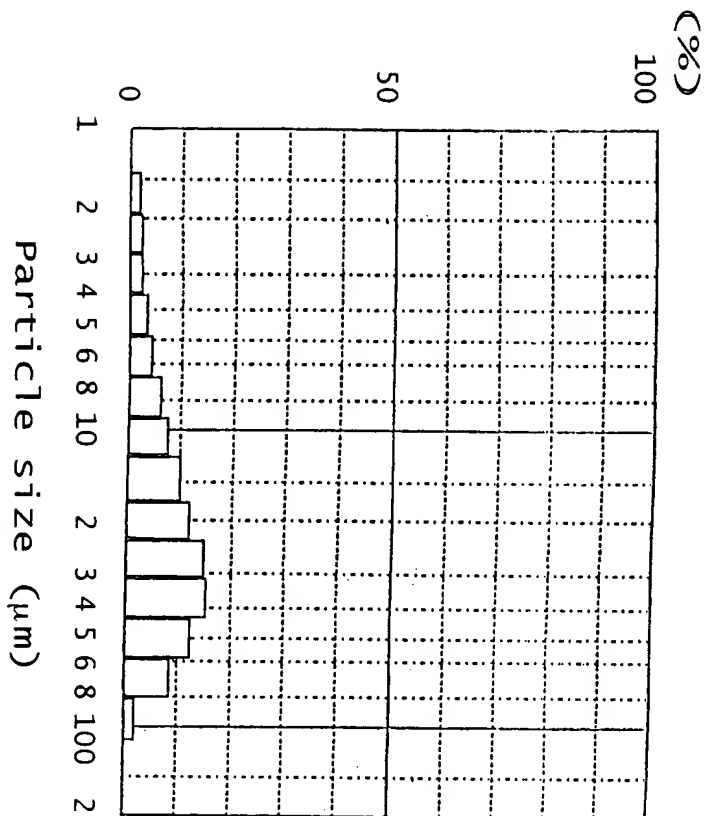


Fig.10

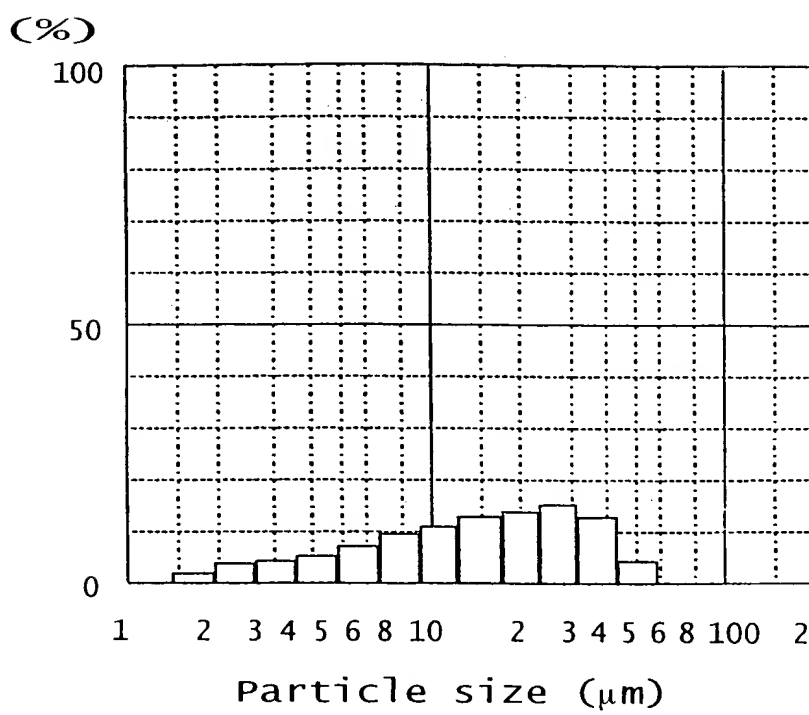


Fig.11

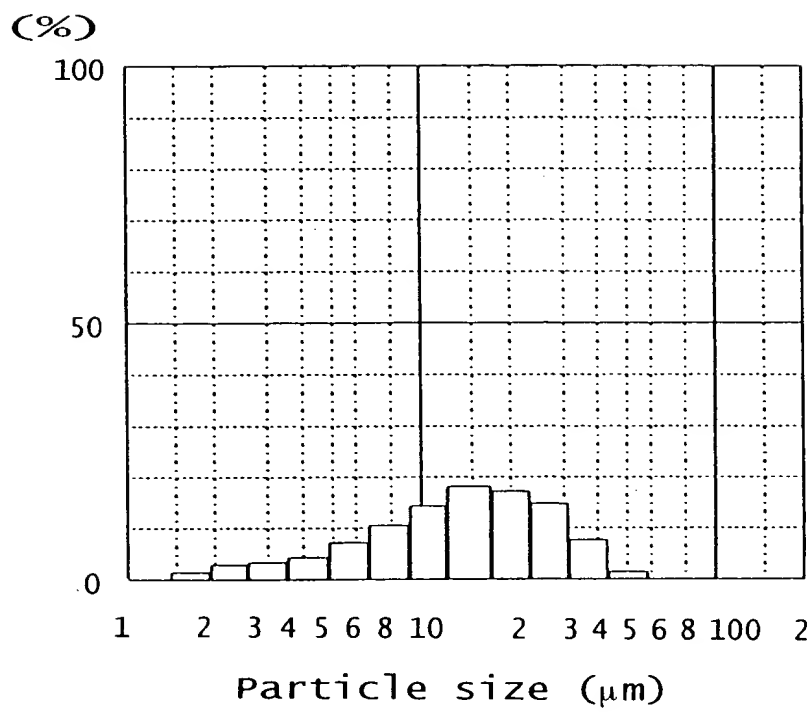
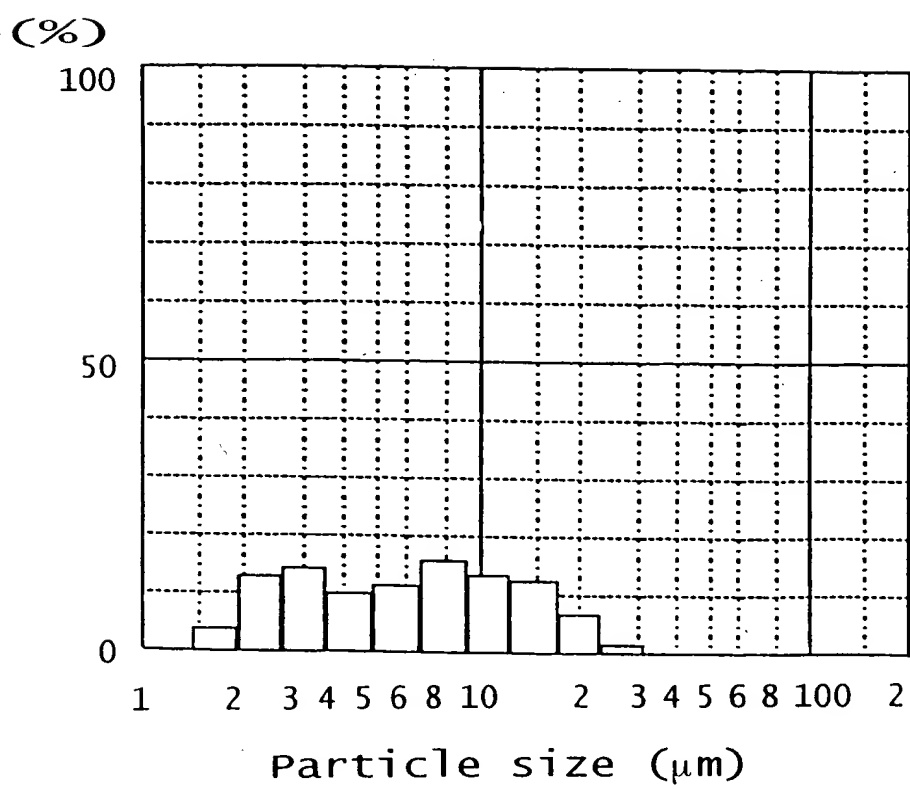
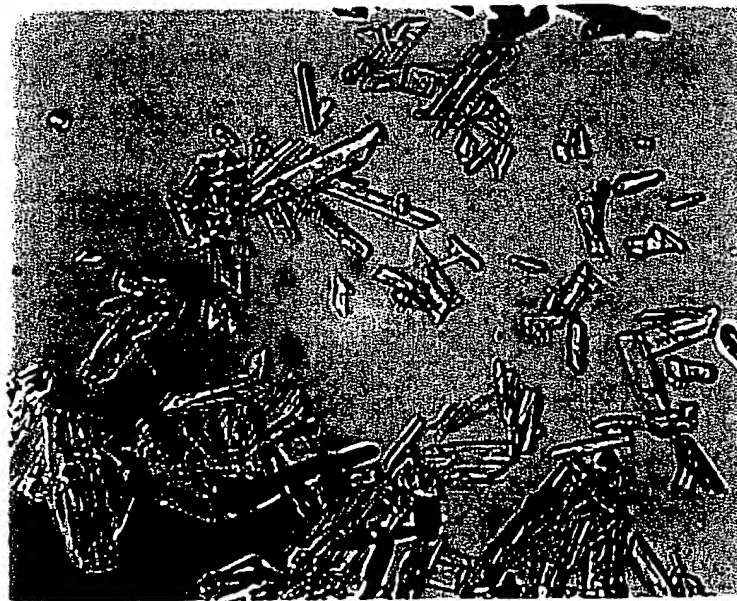


Fig.12



[illegible]

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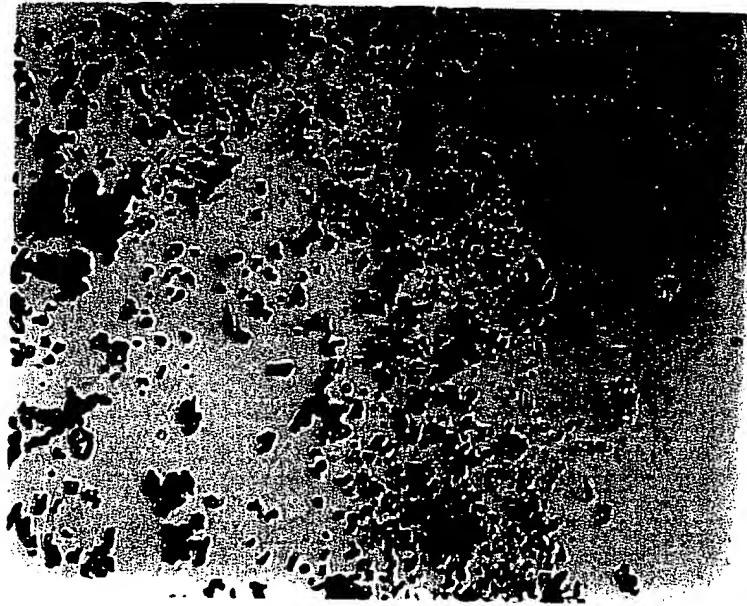
Fig.15



202070 202070



Fig.16



**Fig.17**

